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[54] CONTINUOUS PROCESS FOR CRYSTALLIZING NTTROGUANIDINE

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[73] Assignce: The United States of America as

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[57]

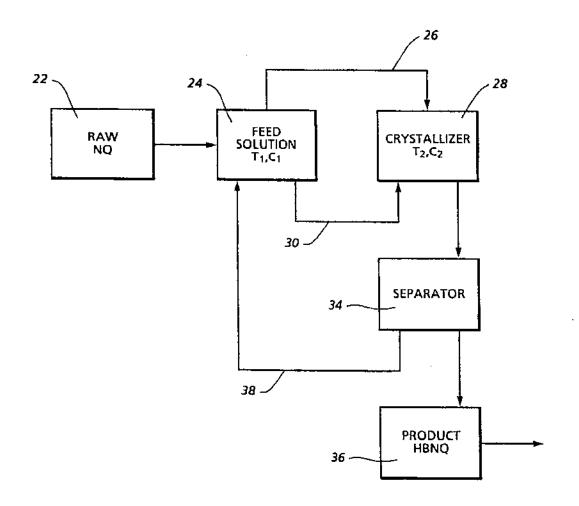
ABSTRACT

A continuous process for forming spheroidal high bulk

density nitroguanidine crystals from an aqueous solution of nitroguanidine which contains methylcellulose and partially hydrolyzed poly(vinyl alcohol) as crystal habit modifiers. A saturated aqueous solution of nitroguanidine is formed at a temperature T₁ where 70° C. ≤T₁≤100° C. and crystallization occurs at a lower temperature T2 where 20° C.≤T1-T₂≦50° C.

8 Claims, 1 Drawing Sheet

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